

EEEEEEEEE	RRRRRRRRR	FFF
EEEEEEEEE	RRRRRRRRR	FFF
EEEEEEEEE	RRRRRRRRR	FFF
EEE	RRR	FFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEE	RRR RRR	FFF
EEEEEEEEE	RRR	FFF
EEEEEEEEE	RRR	FFF
EEEEEEEEE	RRR	FFF

FILEID**ERFPROCS

K 2

EEEEEEEEE	RRRRRRRR	FFFFFFFFF	PPPPPPPP	RRRRRRRR	000000	CCCCCCCC	5555555555	Sym
EEEEEEEEE	RRRRRRRR	FFFFFFFFF	PPPPPPPP	RRRRRRRR	000000	CCCCCCCC	5555555555	---
EE	RR	RR	PP	RR	00	00	55	BSI
EE	RR	RR	PP	RR	00	00	55	CAL
EE	RR	RR	PP	RR	00	00	555555	CAL
EE	RR	RR	PP	RR	00	00	555555	COP
EE	RR	RR	PP	RR	00	00	55	COP
EE	RR	RR	PP	RR	00	00	55	DHE
EE	RR	RR	PP	RR	00	00	55	DR1
EE	RR	RR	PP	RR	00	00	55	DR1
EE	RR	RR	PP	RR	00	00	55	DR1
EE	RR	RR	PP	RR	00	00	55	DR1
EE	RR	RR	PP	RR	00	00	55	DR1
EE	RR	RR	PP	RR	00	00	55	ERI
EE	RR	RR	PP	RR	00	00	55	FOR
EE	RR	RR	PP	RR	00	00	55	FOR
EE	RR	RR	PP	RR	000000	CCCCCCCC	555555	FOR
EE	RR	RR	PP	RR	000000	CCCCCCCC	555555	FOR

MM	MM	AAAAAA	PPPPPPPP	FOF
MM	MM	AAAAAA	PPPPPPPP	FOF
MMMM	MMMM	AA	PP	FOF
MMMM	MMMM	AA	PP	FOF
MM	MM	AA	PP	FOF
MM	MM	AA	PP	FOF
MM	MM	AA	PPPPPPPP	FRI
MM	MM	AA	PPPPPPPP	IPI
MM	MM	AAAAAAA	PP	IPI
MM	MM	AAAAAAA	PP	IPI
MM	MM	AA	PP	IPI
MM	MM	AA	PP	IPI
MM	MM	AA	PP	IPI
MM	MM	AA	PP	IPI

Module Name	Ident	Bytes	File	Creation Date	Creator
ERFSHR	V04-000	0	\$255\$DUA28:[ERF.OBJ]ERFSHR.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
FORRTL	V04-000	0	\$255\$DUA28:[SYSLIB]FORRTL.EXE;1	16-SEP-1984 04:07	VAX-11 Linker V04-00
LIBRTL	V04-000	0	\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
MTHRTL	V04-000	0	\$255\$DUA28:[SYSLIB]MTHRTL.EXE;1	16-SEP-1984 04:04	VAX-11 Linker V04-00
ERFCOMMON	V04-000	0	\$255\$DUA28:[ERF.OBJ]ERFCOMMON.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
ERFPROC5VECT	V04-000	40	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:57	VAX/VMS Macro V04-00
ERFPRC5INI	01	83	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:04	VAX-11 FORTRAN V3.4-56
SYS_STARTUP	01	775	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:15	VAX-11 FORTRAN V3.4-56
SYS_POWERFAIL	01	81	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:15	VAX-11 FORTRAN V3.4-56
MESSAGE_HANDLING	01	1013	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:08	VAX-11 FORTRAN V3.4-56
NEWFILE_AND_TIME_STAMP	01	658	\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:11	VAX-11 FORTRAN V3.4-56

Module Name	Number	Module Name	Number	Module Name	Number
SYS_STARTUP	5	SYS_POWERFAIL	2	MESSAGE_HANDLING	8
NEWFILE_AND_TIME_STAMP	4				

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+-----+
! Image Section Synopsis .
+-----+
```

Cluster	Type	Pages	Base Addr	Disk	VBN	PFC	Protection and Paging	Global Sec.	Name	Match	Majorid	Minorid	Val
ERFSHR	1	2	00000000-R		0	0	READ ONLY		ERFSHR_001	LESS/EQUAL	1	0	000
	2	2	00000400-R		0	0	READ ONLY		ERFSHR_002	LESS/EQUAL	1	0	000
	4	17	00000800-R		0	0	READ WRITE	COPY ON REF	ERFSHR_003	LESS/EQUAL	1	0	000
	4	40	00002A00-R		0	0	READ WRITE	COPY ON REF	ERFSHR_004	LESS/EQUAL	1	0	000
	4	53	00007A00-R		0	0	READ ONLY		ERFSHR_005	LESS/EQUAL	1	0	000
	4	4	P-0000E400-R		0	0	READ ONLY		ERFSHR_006	LESS/EQUAL	1	0	000
	2	10	0000EC00-R		0	0	READ WRITE	FIXUP VECTORS	ERFSHR_007	LESS/EQUAL	1	0	000
FORRTL	3	63	00000000-R		0	0	READ ONLY		FORRTL_001	LESS/EQUAL	1	100	000
	4	2	00007E00-R		0	0	READ WRITE	COPY ON REF	FORRTL_002	LESS/EQUAL	1	100	000
	2	1	00008200-R		0	0	READ WRITE	FIXUP VECTORS	FORRTL_003	LESS/EQUAL	1	100	000
LIBRTL	3	111	00000000-R		0	0	READ ONLY		LIBRTL_001	LESS/EQUAL	1	11	000
	4	1	0000DE00-R		0	0	READ WRITE DEMAND ZERO		LIBRTL_002	LESS/EQUAL	1	11	000
MTHRTL	3	115	00000000-R		0	0	READ ONLY		MTHRTL_001	LESS/EQUAL	129	32778	000
	2	1	0000E600-R		0	0	READ WRITE	FIXUP VECTORS	MTHRTL_002	LESS/EQUAL	129	32778	000
ERFCOMMON	4	13	00000000-R		0	0	READ WRITE	COPY ON REF	ERFCOMMON_001	LESS/EQUAL	1	0	000
DEFAULT_CLUSTER	2	1	00000000-R		2	0	READ ONLY						000
	4	1	00000200-R		3	0	READ ONLY						000
	4	1	00000400-R		4	0	READ WRITE	COPY ON REF					000
	4	2	00000600-R		5	0	READ ONLY						000
	2	2	00000A00-R		7	0	READ WRITE	FIXUP VECTORS					000

Key for special characters above:

```
+-----+
! R - Relocatable !
! P - Protected !
+-----+
```

```
-----+
| Program Section Synopsis |
-----+
```

Psect Name	Module Name	Base	End	Length	Align	Attributes	Val
\$SERFPROCSVECT	ERFPROCSVECT	00000000	00000027	00000028 (	40.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE,	RD,NOWRT,NOVEC
		00000000	00000027	00000028 (	40.) BYTE 0		
\$PDATA	ERFPRC5INI	00000200	000002DD	000000DE (	222.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE,	RD,NOWRT,NOVEC
	SYS_STARTUP	00000200	00000200	00000000 (	0.) LONG 2		
	SYS_POWERFAIL	00000200	00000245	00000046 (	70.) LONG 2		
	MESSAGE_HANDLING	00000248	00000259	00000012 (	18.) LONG 2		
	NEWFILE_AND_TIME	0000025C	000002BD	00000062 (	98.) LONG 2		
	STAMP	000002C0	000002DD	0000001E (	30.) LONG 2		
\$LOCAL	ERFPRC5INI	00000400	00000537	00000138 (	312.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE,	RD, WRT,NOVEC
	SYS_STARTUP	00000400	0000043F	00000040 (	64.) LONG 2		
	SYS_POWERFAIL	00000440	0000047F	00000040 (	64.) LONG 2		
	MESSAGE_HANDLING	00000480	0000049B	0000001C (	28.) LONG 2		
	NEWFILE_AND_TIME	0000049C	00000507	0000006C (	108.) LONG 2		
	STAMP	00000508	00000537	00000030 (	48.) LONG 2		
\$CODE	ERFPRC5INI	00000600	00000827	00000228 (	552.) LONG 2	PIC USR,CON,REL,LCL,NOSHR, EXE,	RD,NOWRT,NOVEC
	SYS_STARTUP	00000600	00000612	00000013 (	19.) LONG 2		
	SYS_POWERFAIL	00000614	00000694	00000081 (	129.) LONG 2		
	MESSAGE_HANDLING	00000698	000006BA	00000023 (	35.) LONG 2		
	NEWFILE_AND_TIME	000006BC	000007E2	00000127 (	295.) LONG 2		
	STAMP	000007E4	00000827	00000044 (	68.) LONG 2		

-----+ ! Symbol Cross Reference ! -----+

Symbol	Value	Defined By	Referenced By ...
ERFPRC5INI	00000600-RU	ERFPRC5INI	ERFPROC5VECT
FORSIO_BR	00000A64-RX	FORRTL	SYS_STARTUP
FORSIO_END	00000A68-RX	FORRTL	MESSAGE_HANDLING
FORSIO_TDS	00000A5C-RX	FORRTL	MESSAGE_HANDLING
FORSWRITE_SF	00000A60-RX	FORRTL	MESSAGE_HANDLING
HEADER	00000A50-RX	ERFSHR	MESSAGE_HANDLING SYS_POWERFAIL
LINCHK	00000A48-RX	ERFSHR	MESSAGE_HANDLING
LOGGER	00000A4C-RX	ERFSHR	MESSAGE_HANDLING SYS_POWERFAIL
MESSAGE_HANDLING	000006BC-RU	MESSAGE_HANDLING	ERFPROC5VECT
NEWFILE_AND_TIME_STAMP	000007E4-RU	NEWFILE_AND_TIME_STAMP	ERFPROC5VECT
PROC5INIT	00000000-R	ERFPROC5VECT	
SYS_POWERFAIL	00000698-RU	SYS_POWERFAIL	ERFPROC5VECT
SYS_STARTUP	00000614-RU	SYS_STARTUP	ERFPROC5VECT

! Symbols By Value !

Value	-----
00000000	R-PROC5INIT
000000600	R-ERFPRC5INI
000000614	R-SYS_STARTUP
000000698	R-SYS_POWERFAIL
0000006BC	R-MESSAGE_HANDLING
0000007E4	R-NEWFILE_AND_TIME_STAMP
000000A48	RX-LINCHK
000000A4C	RX-LOGGER
000000A50	RX-HEADER
000000A5C	RX-FORSIO_T_DS
000000A60	RX-FORSWRITE_SF
000000A64	RX-FORSIO_B_R
000000A68	RX-FORSIO_END

Symbols...

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

Virtual memory allocated:

Stack size:

Image header virtual block limits:

Image binary virtual block limits:

Image name and identification:

Number of files:

Number of modules:

Number of program sections:

Number of global symbols:

Number of cross references:

Number of image sections:

User transfer address:

Number of address fixups:

Number of code references to shareable images:

Image type:

Map format:

Estimated map length:

00000000 00000DFF 00000E00 (3584. bytes, 7. pages)

0. pages

1. 1. (1. block)

2. 7. ; 6. blocks)

ERFPROC5 V04-000

6.

11.

19.

912.

34.

20.

00000000

22.

7.

PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
FULL WITH CROSS REFERENCE in file _S255\$DUA28:[ERF.LIS]ERFPROC5.MAP;1

162. blocks

-----+
! Link Run Statistics !
-----+**Performance Indicators**

	Page Faults	CPU Time	Elapsed Time
Command processing:	116	00:00:01.03	00:00:01.35
Pass 1:	172	00:00:01.31	00:00:06.00
Allocation/Relocation:	35	00:00:00.18	00:00:01.00
Pass 2:	54	00:00:00.66	00:00:05.35
Map data after object module synopsis:	20	00:00:00.32	00:00:00.42
Symbol table output:	4	00:00:00.05	00:00:00.86
Total run values:	401	00:00:03.55	00:00:14.98

Using a working set limited to 1050 pages and 527 pages of data storage (excluding image)

Total number object records read (both passes): 201
of which 60 were in libraries and 17 were DEBUG data records containing 479 bytesNumber of modules extracted explicitly = 6
with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 5 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/MAP=MAP\$:ERFPROC5/FULL/CROSS/SHARE=EXE\$:ERFPROC5 LIBS:ERF/INCLUDE=(ERFPROC5VECT,ERFPROC5INI,SYS_STARTUP,SYS_POWERFAIL,MESSAGE_HANDLING,NEWFILE_AND_TIME_STAMP),COMS:PSECTATTR/OPT
 EXE\$:erfshr.exe/share
 EXE\$:erfcommon.exe/share
 gsmatch=lequal,1,0
 psect_attr=\$blank,noshr
 psect_attr=\$pdata,noshr
 psect_attr=\$code,noshr

_\\$255\\$DUA28:[ERF.OBJ]ERFPROC5.EXE;1

E 3
16-SEP-1984 04:35

VAX-11 Linker v04-00

Page 7

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psect_attr=deychar,noshr  
psect_attr=dr32,noshr  
psect_attr=emb,noshr  
psect_attr=erfcom,noshr  
psect_attr=mode,noshr  
psect_attr=mrd,noshr  
psect_attr=opcode,noshr  
psect_attr=qiocommon,noshr  
psect_attr=sa,noshr  
psect_attr=syecom,noshr  
psect_attr=trans_addr,noshr  
psect_attr=tables,noshr  
psect_attr=lib$code,noshr  
psect_attr=_img$code,noshr
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0146 AH-BT13A-SE
VAX/VMS V4.0

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CONFIDENTIAL AND PROPRIETARY

ERFFPRO4
MAP

ERFFPRO5
MAP

ERFFPRO6
MAP

EMBETODEF
REQ

DEVERR
FOR

MODES
FOR

SSMESSAGE
FOR

BUGCHK
LIS

ERFPRO3
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ERFPRO4
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ERFPRO5
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ERFPRO6
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SYECOM
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